

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	11816	382/108,109,128,129,133,134,141, 144-150,291-299.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/06 13:25
S2	4515	microscop\$3 and (high\$3 same magnif\$7) and ((less\$3 or lower) same magnif\$7) and (compar\$3 or match\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/06 13:47
S3	167	S1 and S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/06 13:48
S4	2124	microscop\$3 and (high\$3 same magnif\$7) and ((less\$3 or lower) same magnif\$7) and (compar\$3 or match\$3) and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/06 13:48
S5	1919	microscop\$3 and (high\$3 same magnif\$7) and ((less\$3 or lower) same magnif\$7) and (compar\$3 or match\$3) and resolution\$2 and position\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/06 13:49
S6	3187	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) and resolution\$2 and position\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/06 14:00
S7	223	S1 and S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/06 14:01
S8	729	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) and resolution\$2 and position\$3 and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/06 14:04

## EAST Search History

S9	66	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) same ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/06 14:15
S10	391	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) and ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/06 14:16
S11	64	S1 and S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/06 14:17
S12	265	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and ((compar\$3 or match\$3) near6 image\$2) and ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/06 15:26
S13	42	S1 and S12	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/06 15:27
S14	5	("4377340"   "4871257"   "4952058"   "5338630"   "5602645").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/06 15:32
S15	863	427/2.11.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/06 16:10
S16	1	S12 and S15	US-PGPUB; USPAT; USOCR	OR	OFF	2008/04/06 16:10
S17	23	john near maddison	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/06 16:12

## EAST Search History

S18	25	john near3 maddison	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/04/06 16:12
S19	12433	382/108,109,128,129,133,134,141, 144-150,291-299.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/06 11:38
S20	4785	microscop\$3 and (high\$3 same magnif\$7) and ((less\$3 or lower) same magnif\$7) and (compar\$3 or match\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/06 11:38
S21	182	S19 and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/06 11:38
S22	2283	microscop\$3 and (high\$3 same magnif\$7) and ((less\$3 or lower) same magnif\$7) and (compar\$3 or match\$3) and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/06 11:38
S23	2063	microscop\$3 and (high\$3 same magnif\$7) and ((less\$3 or lower) same magnif\$7) and (compar\$3 or match\$3) and resolution\$2 and position\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/06 11:38
S24	3397	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) and resolution\$2 and position\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/06 11:38
S25	242	S19 and S24	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/06 11:38

## EAST Search History

S26	769	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) and resolution\$2 and position\$3 and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/06 11:38
S27	72	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) same ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/06 11:38
S28	416	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) and ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/06 11:38
S29	69	S19 and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/06 11:38
S30	283	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and ((compar\$3 or match\$3) near6 image\$2) and ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/06 11:38
S31	44	S19 and S30	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/06 11:38
S32	5	("4377340"   "4871257"   "4952058"   "5338630"   "5602645").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/06 11:38
S33	879	427/2.11.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/06 11:38
S34	1	S30 and S33	US-PGPUB; USPAT; USOCR	OR	OFF	2008/09/06 11:38

## EAST Search History

S35	24	john near maddison	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/06 11:38
S36	26	john near3 maddison	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2008/09/06 11:38
S37	2	(microscop\$3 and magnif\$7 and ((compar\$3 or match\$3) near6 image\$2) and ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2).clm.	US-PGPUB	OR	OFF	2008/09/08 09:50
S38	2500	microscop\$3 and (determin\$4 or calculat\$4) near (position\$2 or location\$2) same area\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 16:07
S39	532	microscop\$3 and (determin\$4 or calculat\$4) near (position\$2 or location\$2) near4 area\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 16:07
S40	2500	microscop\$3 and (determin\$4 or calculat\$4) near (position\$2 or location\$2) same area\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 16:07
S41	167582	((compar\$3 or match\$3) near6 image\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 16:08
S42	633	S40 and S41	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 16:08

## EAST Search History

S43	635	((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and ((compar\$3 or match\$3) near6 image\$2) and ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 16:10
S44	40	S42 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 16:11
S45	10	S39 and S43	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 16:17
S46	13179	382/108,109,128,129,133,134,141, 144-150,291-299.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S47	5036	microscop\$3 and (high\$3 same magnif\$7) and ((less\$3 or lower) same magnif\$7) and (compar\$3 or match\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S48	200	S46 and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S49	2426	microscop\$3 and (high\$3 same magnif\$7) and ((less\$3 or lower) same magnif\$7) and (compar\$3 or match\$3) and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S50	2195	microscop\$3 and (high\$3 same magnif\$7) and ((less\$3 or lower) same magnif\$7) and (compar\$3 or match\$3) and resolution\$2 and position\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08

## EAST Search History

S51	3613	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) and resolution\$2 and position\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S52	262	S46 and S51	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S53	817	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) and resolution\$2 and position\$3 and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S54	75	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) same ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S55	449	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) and ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S56	77	S46 and S55	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S57	303	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and ((compar\$3 or match\$3) near6 image\$2) and ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08

## EAST Search History

S58	47	S46 and S57	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S59	5	("4377340"   "4871257"   "4952058"   "5338630"   "5602645").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/14 17:08
S60	890	427/2.11.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/14 17:08
S61	1	S57 and S60	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/14 17:08
S62	25	john near maddison	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S63	27	john near3 maddison	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S64	13179	382/108,109,128,129,133,134,141, 144-150,291-299.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S65	5036	microscop\$3 and (high\$3 same magnif\$7) and ((less\$3 or lower) same magnif\$7) and (compar\$3 or match\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S66	200	S64 and S65	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08

## EAST Search History

S67	2426	microscop\$3 and (high\$3 same magnif\$7) and ((less\$3 or lower) same magnif\$7) and (compar\$3 or match\$3) and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S68	2195	microscop\$3 and (high\$3 same magnif\$7) and ((less\$3 or lower) same magnif\$7) and (compar\$3 or match\$3) and resolution\$2 and position\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S69	3613	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) and resolution\$2 and position\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S70	262	S64 and S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S71	817	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) and resolution\$2 and position\$3 and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S72	75	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) same ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S73	449	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) and ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S74	77	S64 and S73	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08

## EAST Search History

S75	303	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and ((compar\$3 or match\$3) near6 image\$2) and ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S76	47	S64 and S75	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S77	5	("4377340"   "4871257"   "4952058"   "5338630"   "5602645").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/14 17:08
S78	890	427/2.11.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/14 17:08
S79	1	S75 and S78	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/14 17:08
S80	25	john near maddison	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S81	27	john near3 maddison	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S82	2	(microscop\$3 and magnif\$7 and ((compar\$3 or match\$3) near6 image\$2) and ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)).clm.	US-PGPUB	OR	OFF	2009/02/14 17:08
S83	2500	microscop\$3 and (determin\$4 or calculat\$4) near (position\$2 or location\$2) same area\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08

## EAST Search History

S84	532	microscop\$3 and (determin\$4 or calculat\$4) near (position\$2 or location\$2) near4 area\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S85	2500	microscop\$3 and (determin\$4 or calculat\$4) near (position\$2 or location\$2) same area\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S86	167582	((compar\$3 or match\$3) near6 image\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S87	633	S85 and S86	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S88	635	((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and ((compar\$3 or match\$3) near6 image\$2) and ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S89	40	S87 and S88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S90	10	S84 and S88	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:08
S91	34	"4777525"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 17:10

## EAST Search History

S92	1	(correlat\$3 or map\$4 or compar\$4) near (high\$4 near magnif\$7) with (low\$4 near magni\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 19:25
S93	1	(correlat\$3 or map\$4 or compar\$4) near (high\$4 near magnif\$7) same (low\$4 near magni\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 19:26
S94	9	(correlat\$3 or map\$4 or compar\$4) same (high\$4 near magnif\$7) same (low\$4 near magni\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 19:26
S95	9	(correlat\$3 or map\$4 or compar\$4 or register\$3) same (high\$4 near magnif\$7) same (low\$4 near magni\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 19:30
S96	3	(correlat\$3 or map\$4 or compar\$4 or register\$3) with (high\$4 near magnif\$7) same (low\$4 near magni\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 19:31
S97	42	(correlat\$3 or map\$4 or compar\$4 or register\$3) with (high\$4 with (magnif\$7 or zoom\$4)) same (low\$4 near (magni\$7 or zoom\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 19:32
S98	289	(correlat\$3 or map\$4 or compar\$4 or register\$3) with (high\$4 with (magnif\$7 or zoom\$4)) same (low\$4 with (magni\$7 or zoom\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/14 19:32
S99	3	("3887762"   "4014000"   "4345312").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/02/14 19:44
S100	58	(correlat\$3 or map\$4 or compar\$4 or register\$3) with (high\$4 with (magnif\$7 or zoom\$4)) same (low\$4 with (magni\$7 or zoom\$4)) and (reduc\$4 or lower\$3 or minimiz\$3 or decreas\$4) near resolution\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/15 10:33

## EAST Search History

S10 1	64	(correlat\$3 or map\$4 or compar\$4 or register\$3 match\$3) with (high\$4 with (magnif\$7 or zoom\$4)) same (low\$4 with (magni\$7 or zoom\$4)) and (reduc\$4 or lower\$3 or minimiz\$3 or decreas\$4) near resolution\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/15 10:48
S10 2	64	(correlat\$3 or map\$4 or compar\$4 or register\$3 or match\$3) with (high\$4 with (magnif\$7 or zoom\$4)) same (low\$4 with (magni\$7 or zoom\$4)) and (reduc\$4 or lower\$3 or minimiz\$3 or decreas\$4) near resolution\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/15 10:49
S10 3	22	"5939278"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/15 12:22
S10 4	69	"6272235"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/15 12:26
S10 5	24	"6049421"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/15 12:28
S10 6	55	"6711283"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/15 12:29
S10 7	0	("4812652" "5359417" "5513005" "5657128" "4403841" "4856873" "4962313" "5007723" "5204739" "5321447" "6226118" "6226118" "4978597" "5471261" "5557351" "5654823" "5828716" "5834774" "5907400" "5907432" "5953114" "5983713" "6043890" "6128144" "6144762" "6201648" "6246785" "4339315" "4364629" "4383741" "4478482" "4491394" "4492438" "4531057" "4568152" "4769698" "4803352" "4826302" "4863253" "4880298" "4935612" "4946265" "4963737" "4976993" "5231580" "5239416" "5245173" RE34622 "5321545" "5365667" ).pn.	US-PGPUB	OR	OFF	2009/02/15 18:35

## EAST Search History

S10 8	96	("4812652" "5359417" "5513005" "5657128" "4403841" "4856873" "4962313" "5007723" "5204739" "5321447" "6226118" "6226118" "4978597" "5471261" "5557351" "5654823" "5828716" "5834774" "5907400" "5907432" "5953114" "5983713" "6043890" "6128144" "6144762" "6201648" "6246785" "4339315" "4364629" "4383741" "4478482" "4491394" "4492438" "4531057" "4568152" "4769698" "4803352" "4826302" "4863253" "4880298" "4935612" "4946265" "4963737" "4976993" "5231580" "5239416" "5245173" RE34622 "5321545" "5365667" ).pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/02/15 18:35
S10 9	13676	382/108,109,128,129,133,134,141, 144-150,291-299.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S11 0	5239	microscop\$3 and (high\$3 same magnif\$7) and ((less\$3 or lower) same magnif\$7) and (compar\$3 or match\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S11 1	208	S109 and S110	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S11 2	2515	microscop\$3 and (high\$3 same magnif\$7) and ((less\$3 or lower) same magnif\$7) and (compar\$3 or match\$3) and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S11 3	2279	microscop\$3 and (high\$3 same magnif\$7) and ((less\$3 or lower) same magnif\$7) and (compar\$3 or match\$3) and resolution\$2 and position\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S11 4	3762	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) and resolution\$2 and position\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10

## EAST Search History

S11 5	274	S109 and S114	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S11 6	844	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) and resolution\$2 and position\$3 and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S11 7	80	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) same ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S11 8	468	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) and ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S11 9	79	S109 and S118	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S12 0	318	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and ((compar\$3 or match\$3) near6 image\$2) and ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S12 1	48	S109 and S120	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S12 2	5	("4377340"   "4871257"   "4952058"   "5338630"   "5602645").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/04 10:10

## EAST Search History

S12 3	895	427/2.11.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/04 10:10
S12 4	1	S120 and S123	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/04 10:10
S12 5	25	john near maddison	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S12 6	27	john near3 maddison	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S12 7	13676	382/108,109,128,129,133,134,141, 144-150,291-299.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S12 8	5239	microscop\$3 and (high\$3 same magnif\$7) and ((less\$3 or lower) same magnif\$7) and (compar\$3 or match\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S12 9	208	S127 and S128	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S13 0	2515	microscop\$3 and (high\$3 same magnif\$7) and ((less\$3 or lower) same magnif\$7) and (compar\$3 or match\$3) and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S13 1	2279	microscop\$3 and (high\$3 same magnif\$7) and ((less\$3 or lower) same magnif\$7) and (compar\$3 or match\$3) and resolution\$2 and position\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10

## EAST Search History

S13 2	3762	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) and resolution\$2 and position\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S13 3	274	S127 and S132	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S13 4	844	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) and resolution\$2 and position\$3 and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S13 5	80	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) same ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S13 6	468	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) and ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S13 7	79	S127 and S136	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S13 8	318	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and ((compar\$3 or match\$3) near6 image\$2) and ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10

## EAST Search History

S13 9	48	S127 and S138	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S14 0	5	("4377340"   "4871257"   "4952058"   "5338630"   "5602645").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/04 10:10
S14 1	895	427/2.11.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/04 10:10
S14 2	1	S138 and S141	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/04 10:10
S14 3	25	john near maddison	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S14 4	27	john near3 maddison	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S14 5	2	(microscop\$3 and magnif\$7 and ((compar\$3 or match\$3) near6 image\$2) and ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2).clm.	US-PGPUB	OR	OFF	2009/06/04 10:10
S14 6	2618	microscop\$3 and (determin\$4 or calculat\$4) near (position\$2 or location\$2) same area\$2	US-PGPIJB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S14 7	566	microscop\$3 and (determin\$4 or calculat\$4) near (position\$2 or location\$2) near4 area\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10

## EAST Search History

S14 8	2618	microscop\$3 and (determin\$4 or calculat\$4) near (position\$2 or location\$2) same area\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S14 9	173975	((compar\$3 or match\$3) near6 image\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S15 0	675	S148 and S149	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S15 1	658	((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and ((compar\$3 or match\$3) near6 image\$2) and ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S15 2	42	S150 and S151	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S15 3	10	S147 and S151	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S15 4	13676	382/108,109,128,129,133,134,141, 144-150,291-299.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S15 5	5239	microscop\$3 and (high\$3 same magnif\$7) and ((less\$3 or lower) same magnif\$7) and (compar\$3 or match\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10

## EAST Search History

S15 6	208	S154 and S155	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S15 7	2515	microscop\$3 and (high\$3 same magnif\$7) and ((less\$3 or lower) same magnif\$7) and (compar\$3 or match\$3) and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S15 8	2279	microscop\$3 and (high\$3 same magnif\$7) and ((less\$3 or lower) same magnif\$7) and (compar\$3 or match\$3) and resolution\$2 and position\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S15 9	3762	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) and resolution\$2 and position\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S16 0	274	S154 and S159	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S16 1	844	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) and resolution\$2 and position\$3 and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S16 2	80	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) same ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S16 3	468	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) and ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10

## EAST Search History

S16 4	79	S154 and S163	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S16 5	318	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and ((compar\$3 or match\$3) near6 image\$2) and ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S16 6	48	S154 and S165	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S16 7	5	("4377340"   "4871257"   "4952058"   "5338630"   "5602645").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/04 10:10
S16 8	895	427/2.11.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/04 10:10
S16 9	1	S165 and S168	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/04 10:10
S17 0	25	john near maddison	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S17 1	27	john near3 maddison	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S17 2	13676	382/108,109,128,129,133,134,141, 144-150,291-299.ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10

## EAST Search History

S17 3	5239	microscop\$3 and (high\$3 same magnif\$7) and ((less\$3 or lower) same magnif\$7) and (compar\$3 or match\$3)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S17 4	208	S172 and S173	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S17 5	2515	microscop\$3 and (high\$3 same magnif\$7) and ((less\$3 or lower) same magnif\$7) and (compar\$3 or match\$3) and resolution	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S17 6	2279	microscop\$3 and (high\$3 same magnif\$7) and ((less\$3 or lower) same magnif\$7) and (compar\$3 or match\$3) and resolution\$2 and position\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S17 7	3762	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) and resolution\$2 and position\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S17 8	274	S172 and S177	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S17 9	844	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) and resolution\$2 and position\$3 and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S18 0	80	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) same ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or ocation\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10

## EAST Search History

S18 1	468	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and (compar\$3 or match\$3) and ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S18 2	79	S172 and S181	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S18 3	318	microscop\$3 and ((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and ((compar\$3 or match\$3) near6 image\$2) and ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S18 4	48	S172 and S183	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S18 5	5	("4377340"   "4871257"   "4952058"   "5338630"   "5602645").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/04 10:10
S18 6	895	427/2.11.ccls.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/04 10:10
S18 7	1	S183 and S186	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/04 10:10
S18 8	25	john near maddison	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S18 9	27	john near3 maddison	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10

## EAST Search History

S19 0	2	(microscop\$3 and magnif\$7 and ((compar\$3 or match\$3) near6 image\$2) and ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)).clm.	US-PGPUB	OR	OFF	2009/06/04 10:10
S19 1	2618	microscop\$3 and (determin\$4 or calculat\$4) near (position\$2 or location\$2) same area\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S19 2	566	microscop\$3 and (determin\$4 or calculat\$4) near (position\$2 or location\$2) near4 area\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S19 3	2618	microscop\$3 and (determin\$4 or calculat\$4) near (position\$2 or location\$2) same area\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S19 4	173975	((compar\$3 or match\$3) near6 image\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S19 5	675	S193 and S194	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S19 6	658	((big\$4 or high\$3) same magnif\$7) and ((less\$3 or lower\$3 or small\$3) same magnif\$7) and ((compar\$3 or match\$3) near6 image\$2) and ((calculat\$3 or determin\$3 or deriv\$3 or provid\$3 or estimat\$3) near4 (position\$3 or location\$2)) and ((lower\$3 or decreas\$4 or reduc\$3) near3 resolution\$2)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S19 7	42	S195 and S196	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10

## EAST Search History

S19 8	10	S192 and S196	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S19 9	37	"4777525"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S20 0	1	(correlat\$3 or map\$4 or compar\$4) near (high\$4 near magnif\$7) with (low\$4 near magni\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S20 1	1	(correlat\$3 or map\$4 or compar\$4) near (high\$4 near magnif\$7) same (low\$4 near magni\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S20 2	9	(correlat\$3 or map\$4 or compar\$4) same (high\$4 near magnif\$7) same (low\$4 near magni\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S20 3	9	(correlat\$3 or map\$4 or compar\$4 or register\$3) same (high\$4 near magnif\$7) same (low\$4 near magni\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S20 4	3	(correlat\$3 or map\$4 or compar\$4 or register\$3) with (high\$4 near magnif\$7) same (low\$4 near magni\$7)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S20 5	45	(correlat\$3 or map\$4 or compar\$4 or register\$3) with (high\$4 with (magnif\$7 or zoom\$4)) same (low\$4 near (magni\$7 or zoom\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10

## EAST Search History

S20 6	301	(correlat\$3 or map\$4 or compar\$4 or register\$3) with (high\$4 with (magnif\$7 or zoom\$4)) same (low\$4 with (magni\$7 or zoom\$4))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S20 7	3	("3887762"   "4014000"   "4345312").PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2009/06/04 10:10
S20 8	63	(correlat\$3 or map\$4 or compar\$4 or register\$3) with (high\$4 with (magnif\$7 or zoom\$4)) same (low\$4 with (magni\$7 or zoom\$4)) and (reduc\$4 or lower\$3 or minimiz\$3 or decreas\$4) near resolution\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S20 9	69	(correlat\$3 or map\$4 or compar\$4 or register\$3 match\$3) with (high\$4 with (magnif\$7 or zoom\$4)) same (low\$4 with (magni\$7 or zoom\$4)) and (reduc\$4 or lower\$3 or minimiz\$3 or decreas\$4) near resolution\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S21 0	69	(correlat\$3 or map\$4 or compar\$4 or register\$3 or match\$3) with (high\$4 with (magnif\$7 or zoom\$4)) same (low\$4 with (magni\$7 or zoom\$4)) and (reduc\$4 or lower\$3 or minimiz\$3 or decreas\$4) near resolution\$2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S21 1	23	"5939278"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S21 2	73	"6272235"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S21 3	26	"6049421"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10
S21 4	61	"6711283"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10

## EAST Search History

S21 5	0	("4812652" "5359417" "5513005" "5657128" "4403841" "4856873" "4962313" "5007723" "5204739" "5321447" "6226118" "6226118" "4978597" "5471261" "5557351" "5654823" "5828716" "5834774" "5907400" "5907432" "5953114" "5983713" "6043890" "6128144" "6144762" "6201648" "6246785" "4339315" "4364629" "4383741" "4478482" "4491394" "4492438" "4531057" "4568152" "4769698" "4803352" "4826302" "4863253" "4880298" "4935612" "4946265" "4963737" "4976993" "5231580" "5239416" "5245173" RE34622 "5321545" "5365667" ).pn.	US-PGPUB	OR	OFF	2009/06/04 10:10
S21 6	96	("4812652" "5359417" "5513005" "5657128" "4403841" "4856873" "4962313" "5007723" "5204739" "5321447" "6226118" "6226118" "4978597" "5471261" "5557351" "5654823" "5828716" "5834774" "5907400" "5907432" "5953114" "5983713" "6043890" "6128144" "6144762" "6201648" "6246785" "4339315" "4364629" "4383741" "4478482" "4491394" "4492438" "4531057" "4568152" "4769698" "4803352" "4826302" "4863253" "4880298" "4935612" "4946265" "4963737" "4976993" "5231580" "5239416" "5245173" RE34622 "5321545" "5365667" ).pn.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2009/06/04 10:10